

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-18 (canceled).

Claim 19. (original) A method of applying energy from a power source to a hollow anatomical structure, the method comprising the steps of:

introducing into the hollow anatomical structure a catheter having a working end, and a plurality of leads disposed at the working end, each lead having a distal end, each lead being connected to the power source;

blocking the hollow anatomical structure by expanding the circumference of the catheter adjacent the distal ends of the leads;

expanding the leads outwardly from the working end of the catheter, wherein the distal ends of the leads move away from each other and into contact with the anatomical structure;

applying energy to the anatomical structure from the distal end of the leads until the anatomical structure collapses.

Claim 20. (original) The method of claim 19, wherein the step of blocking the hollow anatomical structure further includes the step of inflating a balloon on the catheter.

Claim 21. (original) The method of claim 19, further comprising the step of delivering fluid to the hollow anatomical structure to displace other fluids present around the working end of the catheter in the hollow anatomical structure.

Claim 22. (original) The method of claim 21, further comprising the step of delivering a fluid having a high impedance value to the hollow anatomical structure, the high impedance fluid displacing other fluids present around the working end of the catheter in the hollow anatomical structure.

Claim 23. (original) The method of claim 21, further comprising the step of delivering heparin and a fluid having a high impedance value to the hollow anatomical structure, the heparin and the high impedance fluid displacing other fluids present around the working end of the catheter in the hollow anatomical structure.

Claim 24. (original) The method of claim 21, further comprising the step of delivering heparin and saline to the hollow anatomical structure, wherein the heparin and saline displaces other fluids present around the working end of the catheter in the hollow anatomical structure.

Claim 25. (original) The method of claim 19, wherein the hollow anatomical structure is a vein, and the leads in the step of expanding have sufficient force to move into apposition with the vein wall, and the leads do not have sufficient strength to prevent the reduction of the diameter of the vein when energy is applied by the distal end of the leads.